Hei-PLATE Mix 'n' Heat Core+ (135 mm)

P/N: 506-22100-00

Stirring and heating with Pt1000 - Simple and precise

Hei-PLATE Mix 'n' Heat Core+ is the classic among magnetic stirrers. It enables users to stir gently up to 1,400 rpm and also to heat - with a high degree of precision - up to a temperature of 300 °C. In addition, it convinces with its robust design and its sophisticated functionalities, such as its key and knob illumination, which provides information about active functions at any time. The dynamic rotary knobs respond to turning speed - slow for precise adjustments, or fast for bigger jumps. The locking function protects against accidental changing of the values. That's what it means: "Research made easy!"

This magnetic stirrer is equipped with the most important safety features. The large safety distance between the heating plate and the control panel, as well as the visual residual heat indicator at temperatures > 50 °C, protect against burns.

The patented Kera-Disk® plate made of anodised aluminum is chemical-resistant, scratch-resistant and has a diameter of 135 mm (also available with 145 mm on request). Thus, with this unique size , it is suitable for the use of many accessories and samples on a small footprint. The material used also enables the fastest heating times.

The magnetic stirrer Hei-PLATE Mix 'n' Heat Core+ offers you a digital display for setting your desired temperature to the degree. This precise temperature without overshooting is controlled by two selectable heating modes (FAST/PRECISE) and the optional external temperature sensor Pt1000.

Hei-PLATE Mix 'n' Heat Core+ (135 mm) - Technical Data

Overheat protection	–
Analog / digital interface	–
Permissible ambient conditions	5 – 31 °C up to 80 % rel. humidity, 32 – 40 °C up to 50 % rel. humidity (decreasing linearly)
Weight	3 kg
Protection class (EN 60529)	IP 42
Drive	EC-motor
Timer	–
Display	LCD-Display
Rotation speed range	100 – 1.400 rpm
Max. stirring capacity (H_2O)	20 l
Power input	825
Temperature range	20 – 300 °C
Temperature measurement accuracy	-
Dimensions (w/d/h)	168 x 299 x 101 mm
Speed accuracy	± 2 %
Heating power	800
Accuracy temperature setting	± 1 K
External temperature sensor	Pt1000
Temperature accuracy hotplate	± 5 °C
Residual heat indicator	Yes
Max. Load	25 kg
Plate diameter ø	135/ 145 mm
Plate material	Kera-Disk® (Silumin with ceramic coating)
Operating Mode	continuous
Speed range	-
Overvoltage Category	II

Connection	L + N + PE
Acoustic pressure	< 50 dB (A)
Heating control	PID
Installation altitude	2,000 m
EMC class	B, Group 1
Protection class IEC 61140	I
Protection class IEC 60529	-
Usable Surface heating plate	-
Degree of pollution	-
Temperature measurement resolution	-
Rated Voltage	-